

Please type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/05 (03-01)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	4119C7 US
First Inventor	Steven M. Menchen
Title	4,7-Dichlorofluorescein Dyes as Molecular Probes
Express Mail Label No.	EL 897 625 729 US

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 25]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets       ]
5. Oath or Declaration [Total Pages 3]  
a. ☐ Newly executed (original or copy)  
b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a. ☒ Request to Use Computer Readable Copy (CRF) from USSN 09/273,655  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☒ Paper Copy Identical to Computer Copy (in USSN 09/273,655)  
c. ☒ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Certified Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Transmittal of Cont. Pat. App. under 37CFR 1.53(b)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/ 949,444 filed September 7, 2001

Prior application information:

Examiner: Frederick F. KrassGroup Art Unit: 1614

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label**22896**or ☐ Correspondence address below

Name	Vincent M. Powers				
Address	Applied Biosystems 850 Lincoln Centre Drive				
City	Foster City	State	California	Zip Code	94404
Country	US	Telephone	650-638-6492	Fax	650-638-6677

Name (Print/Type)	Vincent M. Powers	Registration No. (Attorney/Agent)	36,246
Signature		Date	November 14, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**CERTIFICATION UNDER 37 CFR 1.10**

Express Mail Number: EL 897 625 729 US

Date of Deposit: November 14, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Desi Inocencio  
(Print Name of Person Mailing Application)

Desi Inocencio  
(Signature of Person Mailing Application)

**Docket No. 4119C7**

**Transmittal of Continuation Patent Application  
For Filing Under 37 CFR 1.53(b)**

PRIOR APPLICATION:                      Examiner: Frederick F. Krass                      Art Unit: 1614

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a request for filing a ☒ continuation ☐ divisional application under 37 CFR 1.53(b), of pending prior application serial no. 09/949,444 filed on September 7, 2001 by Steven M. Menchen, Linda G. Lee, Charles R. Connell, N. Davis Hershey, Vergine Chakerian, Sam L. Woo, Steven Fung entitled

**4,7-DICHLOROFLUORESC EIN DYES AS MOLECULAR PROBES**

1. Enclosed are:

- ☒ One stamped, self-addressed postcard for PTO datestamp.
- ☒ Certificate of Express Mail.
- ☒ One utility patent application containing text pages 1 - 25  
☐ \_\_\_\_\_ sheets of ☐ formal ☐ informal drawings.
- ☒ Application Data Sheet.
- ☒ Copy of executed Declaration of Inventorship from great-great-great-great grandparent application serial no. 07/939,813.
- ☒ Sequence Listing printout, Request to Use from prior application, and matching Declaration.
- ☐ A Preliminary Amendment.
- ☐ A new Power of Attorney.

2. Amendment

- ☐ Please enter the enclosed Preliminary Amendment before calculating the filing fee. It is understood that only amendments reducing the number of claims will be entered for this purpose.
- ☐ Please cancel original claims \_\_\_\_\_, inclusive, before calculating the filing fee. (At least one original independent claim should be retained for filing purposes.)
- ☐ Amend the specification by inserting before the first line the sentence: -- This application is a divisional / continuation of application serial no. \_\_\_\_\_ filed \_\_\_\_\_ which is a divisional / continuation of application serial no. \_\_\_\_\_ filed \_\_\_\_\_ . --

3. Extension of Time

- ☐ A petition for extension of time has been filed in the parent to extend the pendency of the parent to \_\_\_\_\_ (copy enclosed).

- ☒ **Conditional Petition for Extension of Time:** An Extension of Time is requested to provide for timely filing *if* required to establish copendency with the parent after all papers filed herewith have been considered.

4. Prior Documents Still in Effect

- ☒ This application and parent application Serial No. 09/949,444 filed September 7, 2001 are assigned of record to Applera Corporation.
- ☒ Power of attorney in the above-identified prior application is to Vincent M. Powers, Reg. No. 36,246, and the other attorneys or agents identified therein.

5. Fees

The filing fee is calculated below taking into account any amendments in section 2 above:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	21 - 20	1	X \$18	\$0.00
INDEPENDENT CLAIMS	5 - 3	2	X \$86	\$0.00
	BASIC FEE			\$00.00
	Multiple Dependency Fee If Applicable \$290.00			
	Total			
	50% Reduction for Independent Inventor, Non-profit Organization or Small Business Concern			
	TOTAL FILING FEE			\$00.00

- ☐ The Commissioner is hereby authorized to charge the filing fee, any deficiency in fees under 37 CFR 1.16 and 1.17, or any other fees necessary for timely filing of this application, or credit any overpayment to Deposit Account No. 01-2213. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed.
- ☒ Filing fee to be submitted in response to anticipated receipt of Notice to File Missing Parts.  
**DO NOT CHARGE DEPOSIT ACCOUNT.**

Respectfully submitted,

  
\_\_\_\_\_  
Vincent M. Powers, Reg. No. 36,246

Dated: November 14, 2003

**Correspondence Address:**  
Customer Number 22896  
Applied Biosystems  
Patent Department M/S 432-2  
850 Lincoln Centre Drive  
Foster City, California 94404  
Telephone: 650-638-6492  
Facsimile: 650-638-6677